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Applicant : Michael S. Freund, et al. Art Unit : 2856
Serial No. : 09/963,788 Examiner : Unknown
Filed : September 25, 2001
Title : NANOPARTICLE-BASED SENSORS FOR DETECTING ANALYTES IN FLUIDS

Commissioner for Patents
Washington, D.C. 20231

TECHNOLOGY CENTER 2830
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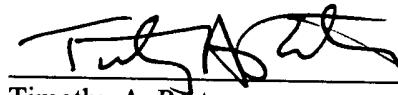
INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449, copies of which are enclosed.

This statement is being filed before the receipt of a first Office action on the merits.
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Respectfully submitted,

Date: 7/24/02



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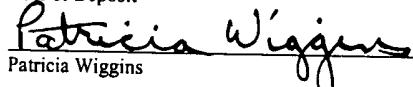
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 06618-707001	Application No. 09/963,788
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Michael S. Freund, et al.	
		Filing Date September 25, 2001	Group Art Unit 2856

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	6,221,673 B1	Apr. 24, 2001	Snow et al.	436	149	
	AB						

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
							Yes No
	AC						

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AD	Brust, et al., "Synthesis of Thiol-derivatised Gold Nanoparticles in a Two-phase Liquid-Liquid System", <u>J. Chem. Soc., Chem. Commun.</u> , No. 7, pp.801-802, April, 1994
	AE	Elghanian, et al., "Selective Colorimetric Detection of Polynucleotides Based on the Distance-Dependent Optical Properties of Gold Nanoparticles", <u>Science</u> , Vol. 277, pp. 1078-1081, August, 1997
	AF	Green et al., "Three-Dimensional Monolayers: Nanometer-Sized Electrodes of Alkanethiolate-Stabilized Gold Cluster Molecules", <u>J. Phys. Chem. B</u> , Vol. 101, pp. 2663-2668 (1997)
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	AH	Hostetler, et al., "Alkanethiolate Gold Cluster Molecules with Core Diameters from 1.5 to 5.2 nm: Core and Monolayer Properties as a Function of Core Size", <u>Langmuir</u> , Vol. 14, pp. 17-30 (1998)
TC 1700 AUG 15 2002 RECEIVED	AI	Hostetler, et al., "Monolayers in Three Dimensions: Synthesis and Electrochemistry of ω -functionalized Alkanethiolate-Stabilized Gold Cluster Compounds", <u>J. Am. Chem. Soc.</u> , Vol. 118, No. 17, pp. 4212-4213, May, 1996
	AJ	Ingram, et al., "Poly-hetero- ω -functionalized Alkanethiolate-Stabilized Gold Cluster Compounds", <u>J. Am. Chem. Soc.</u> , Vol. 119, No. 39, pp. 9175-9178, October, 1997
	AK	Lee, et al., "Electron Hopping and Electronic Conductivity in Monolayers of Alkanethiol-Stabilized Gold Nano-Clusters at the Air/Water Interface", <u>Israel Journal of Chemistry</u> , Vol. 37, Nos. 2-3, pp. 213-223, July, 1997
	AL	Leff, et al. "Synthesis and Characterization of Hydrophobic, Organically-Soluble Gold Nanocrystals Functionalized with Primary Amines", <u>Langmuir</u> , 12, pp. 4723-4730 (1996)
	AM	Leff et al., "Thermodynamic Control of Gold Nanocrystal Size: Experiment and Theory", <u>J. Phys. Chem.</u> , Vol. 99, pp. 7036-7041 (1995)
	AN	Templeton, et al., "Reactivity of Monolayer-Protected Gold Cluster Molecules: Steric Effects", <u>J. Am. Chem. Soc.</u> , 120, pp. 1906-1911 (1998)
	AO	Zeiri, et al., Studies of Silver Organosols: Preparation, Characterization, and Cyanide-Induced Aggregation, <u>J. Phys. Chem.</u> , Vol. 96, No. 14, pp. 5908-5917, July, 1992

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	